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ABSTRACT OF THE DISCLOSURE

A method of treating particles to be used in immunoassays reduces interference in particle agglutination assays. For particles having covalently bound antibodies and residual NHS-ester or sNHS-ester groups on the surface, the reactive esters are treated with an aqueous mixture containing an amine compound of formula (I):

$$H_2N-R-X$$
 (I).

The moiety -X is $-NH_2$, -OH, or $-CO_2CH_2CH_3$; and R is an alkyl group or an alkyl ether group. When -X is $-NH_2$ or $-CO_2CH_2CH_3$, R contains from 1 to 20 carbon atoms; and when -X is -OH, R contains from 4 to 20 carbon atoms.